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(54) Title: SELF-ALIGNING TISSUE GROWTH GUIDE

(57) Abstract: The present invention relates to artificial tissue growth guides comprising a core and an outer sleeve, which facilitates the regeneration of damaged tissues, such as nerves. The core is fixed to the sleeve at two attachment sites so that cells seeded within the core produce mechanical tension between the attachment sites. This tension aligns the cells and the fibres of the core and provides an improved substrate for tissue regeneration. Growth guides may be surgically implanted into an individual.

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